



CAPABILITY STATEMENT



# ABOUT US

We provide geological consulting, exploration management and contract geological services to the global mining and exploration industry. Our team includes geologists, geophysicists, geochemists, resource professionals, project managers, data management and GIS professionals.

RSC has experience in all stages of the mining cycle, from greenfields exploration through to development, and initial production, and on to full-scale operation. We have worked in a wide range of locations with a variety of commodities, both on and offshore. Our head office is in Perth Australia, with other main offices in New Zealand, support offices in Turkey, Zimbabwe, Mongolia and a hub of consultants in the UK/Europe.

We are affiliated with a worldwide network of well-established industry professionals, enabling us to fulfill client requests for services outside of our traditional standard core competencies. We strive for technical excellence and aim to exceed client expectations on every engagement.

## RANGE OF COMMODITIES

Au	U	Coal	Pb	Cu	Dia	P	Sn	REE	Fe	Zn	Ni	Cr	Nb
HMS	Co	Li	C	Mn	Zr	Ag	W	Pt	Mg	Al	V	Ta	Ti

## GLOBAL FOOTPRINT



## LARGE NETWORK

2,000+ GLOBAL  
NETWORK OF  
GEOLOGISTS AND  
CONSULTANTS

# OUR CONTRACTING SERVICES

RSC provides geological contracting services with a difference; we don't just send out contract geologists to help with a programme, we generate synergy between personnel and client, and make sure our professionals have excellent ongoing support and come with the required equipment, hardware and software.

With a pool of international talent defining the core members of our team, and over 2000 specialist and generalist geologist in our network, RSC quickly and flexibly responds to each of our client's specific and individual needs. We can accommodate the urgent and important, adding genuine cost-effective value to any project.

- Scale personnel requirements up or down at short notice to meet changing operational demands
- Highly motivated and skilled professionals
- Fill gaps in your programmes and meet your deadlines
- Leave insurances, gear, payment and other overhead hassles to us
- Flexible decision making and engagement



### Project Managers

Geologists who specialise in project management and coordinating teams to ensure the job gets done and done right



### Exploration Geologists

Geologists who specialise in field work, drilling, QA/QC and geological logging



### Mine Geologists

Geologists who specialise in pit and underground mapping, sampling, production scheduling and data handling



### Logistical Managers

Senior field technicians and logistical managers who make sure that your technical team hits the ground running



### Field Technicians

Junior geologists, or trained field technicians, who assist with geo-technical logging, field preparations and sampling

# OUR EXPLORATION SERVICES

RSC specialises in managing exploration projects worldwide, offering a complete end-to-end exploration service specifically designed for the client's needs and situation.

Our geological solutions range from grass-roots exploration to advanced resource definition drill-outs. This includes data compilations and reviews, target generation, programme design and planning, budgeting, drill supervision, logistics, project management and implementation. RSC has a broad international team of experienced personnel representing a range of different cultures enabling it to adapt and work anywhere on Earth.

Our exploration teams are up to speed with the latest geophysical and geochemical techniques and are well trained, well equipped and well informed. When it comes to exploration management, RSC is ready to hit the ground running with competent, fit-for-purpose exploration teams.

- Campaign-style, turn-key management solutions
- On budget and on time
- International best practices
- Project design and implementation
- Personnel who get the job done right
- Latest techniques and equipment



### Field Mapping

Extend or identify new deposits through geological mapping and structural analysis



### Project Design

We plan and implement sampling programmes to get the data you need at every stage of project development



### Target Generation

Assessment and validation of data to pinpoint highly prospective areas and generate exploration targets



### Portable XRF

Get reliable geochemical results fast by letting us analyse your samples, or hire our equipment to do it yourself



### Equipment Rental

We can provide a range of exploration equipment so your team can get the job done



### Drilling Management

Let us help you plan, implement or supervise your drilling programme, from scout drilling through to resource definition drillouts



### Project Logistics

Complex project? Remote area? No problem, let us handle your camp and project logistics



### Trenching / Sampling

We can design, implement and carry out all your field sampling requirements

# OUR CONSULTING SERVICES

RSC provides tailor-made consulting services across the full geological spectrum. We employ high calibre Senior Geological Consultants and use our ongoing international affiliations to help support our team, providing unique geological solutions anywhere in the world. Client requests are handled fast and with utmost confidentiality.

- Exploration management
- Sampling programmes (Design and QA/QC reviews)
- Technical due diligence
- Appraisals and evaluations
- Resource estimations
- Independent reports
- Structural analysis and mapping
- Predictive modelling
- Training





### Code-Compliant Reporting

Compilation of code-compliant Mineral Resource Reports (e.g. JORC, NI 43-101, SAMREC)



### Competent Person Reports

Assistance with disclosure obligations for admission to markets (AIM, SGX, NZX, ASX, TSX)



### Mineral Resource Estimation

High-quality, fit-for-purpose data verification and resource estimations



### Resource Reporting Intelligence

[opaxe.com](http://opaxe.com)  
Who's drilling for what, where?



### Reconciliation Studies

From model-to-mine and from mine-to-mill we can help you optimise your operations



### Laboratory Audits

An audit of your laboratory (ISO:17025) ensures you're getting reliable results



### QA/QC Reviews

Ensure the quality of all your outputs with an independent assessment of your QA/QC protocols and procedures



### Training and Courses

Customised training and courses to upskill your team



### Sampling Programmes

Review and implementation of sampling techniques to ensure the quality of your most important data



### Property Appraisals

Detailed property appraisal to determine the value of your project



### Technical Due Diligence

Know the quality of your proposed acquisition or investment



### Market Announcements

Present your data in a way that appeals to the market and complies with all relevant regulations



### Geophysical Consulting

Get the best results from your geophysical surveys and make the most use of your data



### Tenement Management

Let us make your tenement management easy



### Seabed Mining and Resources

Assistance with seabed mineral exploration and resource development

# OUR PXRF SERVICES

RSC is a leading provider of pXRF instrument rental and specialist pXRF advice. We provide top-of-the-range instruments from Olympus and can supply a trained technician.

RSC has the expertise to provide instrument training, including helping design your workflows and data-handling processes. This will ensure that your pXRF data are optimal, collected as inexpensively as possible, and are both reliable and robust. Each project has its own particular challenges and RSC can work with you to overcome them.

- Latest multi-mode pXRF model range
- Daily, monthly and long-term rental rates
- Trained and qualified operators
- Rapid cost-efficient multielement analysis
- Workflow generation
- Specialised data analysis and interpretation



## INSTRUMENT RENTAL

Different models available with daily, weekly and monthly options.



## INSTRUMENT + OPERATOR

Hire trained and qualified operators to accompany our pXRF instruments.



## SPECIALIST ADVICE

Our geochemists have extensive experience and can assist with workflow generation through to data analytics.

# OUR UAV/DRONE SERVICES

UAV/drone technology is revolutionising the data and image collection of the mining and mineral exploration industry.

Are you looking to improve accuracy and efficiency of data collection on expensive and time-consuming minerals projects?

High-resolution mapping and digital terrain modelling (DTM) can be delivered quickly, at low cost, using drones for mineral exploration projects. Aerial drone LiDAR and drone geomagnetic surveys enable higher resolution and more in-depth information to be obtained.

RSC's aerial drone mapping team has the experience and know-how in remote aviation and data processing. We operate a range of craft flying in diverse environments and are confident with deploying drones, from small, quadcopter consumer drones to large, fixed-wing UAVs.



## DRONE MAPPING

From photogrammetry to LiDAR.



## DRONE MAG

Geomagnetic surveys with UAVs.



## DATA PROCESSING

Processing of data obtained by UAVs.



# OUR CLIENTS

RSC works with a range of clients in an array of spectacular and remote locations. RSC is particularly active throughout Australia, working with industry majors and developing juniors. We provide geological services for full exploration management on some projects and geological programme support and consulting for others. We have worked on numerous programmes, ranging from intrusion and stock-work related gold, tin and tungsten deposits on the east coast to classic ductile and brittle-ductile greenstone gold deposits in WA.

We have extensive African experience and have assisted clients and governments in South, West and East-Africa with exploration, resource definition and mining projects for gold, base metals, REE and W/Sn/Ta.

We take great pride in getting top quality results out of sometimes difficult working conditions. Our local support offices allow us to tackle the logistical part of these projects with a high degree of efficiency.

RSC has run challenging resource drillouts in hot deserts in the Middle East, greenfields exploration projects in humid remote forests in south-east Asia, and mining operations in the subarctic in Europe and north-east Asia. We have also been the key technical consultants for several seabed mining projects located across the globe. Hot or cold, wet or dry, onshore or offshore, RSC will deliver results under any conditions. Client list provided on request.



## GENERAL ENQUIRIES

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## pXRF ENQUIRIES

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## UAV ENQUIRIES

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## HEAD OFFICE

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PO Box 803, West Perth  
WA 6872, Australia

## NEW ZEALAND OFFICE

Postal Address:  
PO Box 5647, Dunedin 9058  
New Zealand

## SUPPORTING OFFICES

### RSC Arabia

20 – 22, Building 8452, Prince Faisal Bin  
Bander Bin Abdulaziz Road, 5115 An Narjes  
13324, Riyadh

Kingdom of Saudi Arabia

### RSC Turkey

Next Level Business Tower,  
Block 3A, 4th Floor, No: 11  
PK 06520 Çankaya  
Ankara, Turkey

## SERVICES ON QUOTATION

Please email us your project requirements. You will find our approach very flexible and accommodating. We aim to make the impossible possible, at affordable rates, while providing top quality geologists and excellent outcomes. Throw us into a challenging environment, set us a demanding deadline and let us do the work for you. Ask us for a reference on our services at any time.